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BURTON LATIMER
URBAN DISTRICT COUNCIL



ANNUAL REPORT

of the

Medical Officer of Health

For the Year 1946

DALKEITH PRESS LTD., KETTERING.

Urban District of Burton Latimer

Members of the Public Health Committee:—

Councillors A. G. Miller, J.P., C.C. (Chairman), E. E. Clipson, R. J. Mackintosh, J.P., J. W. Patrick, B. W. Phillips, R. B. Pownall, Mrs. B. Spanton, J. L. Underwood.

Public Health Officers of the Local Authority:

Medical Officer of Health:

JOHN TERENCE MURPHY, M.B., B.CH., B.A.O., D.P.H.

Also holds the appointments of Medical Officer of Health to the Urban District Councils of Corby, Desborough, Rothwell, the Rural District Council of Kettering and Assistant Medical Officer of Health and Assistant School Medical Officer to the Northamptonshire County Council.

Sanitary Inspector and Surveyor:

G. C. BORMAN, CERT.R.S.I.

Public Health Department,
75 London Road,
Kettering.
July, 1947.

To the Chairman and Members of the
Burton Latimer Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my annual report on the health and sanitary conditions of the Urban District for 1946.

I wish to express my thanks to the Chairman and Members of the Public Health Committee for their support and also to the Clerk, and to the Sanitary Inspector, Mr. Borman, for his willing help and co-operation.

I am,

Your obedient servant,

J. T. MURPHY,
Medical Officer of Health.

SUMMARY OF VITAL STATISTICS.

The following is a summary of the principal statistics for the years 1942, 1943, 1944, 1945, 1946.

	42	3	4	5	6
Area (acres)	2756	2756	2756	2756	2756
Population (Registrar-General's estimate)	3849	3711	3827	3734	3900
Number of Live Births	60	83	75	80	90
Legitimate	57	74	70	75	83
Illegitimate	3	9	5	5	7
Birthrate per 1,000 population	15.59	22.36	19.59	21.42	23.07
Number of Still Births	1	3	2	3	2
Legitimate	1	3	2	2	2
Illegitimate	—	—	—	1	—
Rate per 1,000 total (live and still) births	16.39	34.88	25.97	36.14	21.73
Rate per 1,000 population	0.20	0.80	0.52	0.80	0.51
Number of Deaths	36	50	46	50	56
Death rate per 1,000 population (crude)	9.35	13.47	12.00	13.39	14.35
Total Maternal Deaths	—	—	—	—	—
(a) Puerperal Sepsis	—	—	—	—	—
(b) Other Puerperal Causes	—	—	—	—	—
Infantile Mortality rate per 1,000 live births	33.33	36.14	26.06	12.50	66.66
Deaths from all forms of Tuberculosis	2	3	4	4	2
Deaths from Pulmonary Tuberculosis	1	2	3	4	2
Deaths from Cancer (all ages)	6	5	4	11	1
Deaths from Measles (all ages)	—	—	—	—	—
Deaths from Whooping Cough (all ages)	1	—	—	—	—
Deaths from Diarrhoea under two years of age	1	—	—	1	—

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR, 1946.

	Rate per 1,000 Population		Annual Death-rate per 1,000 Population								Rate per 1,000 live births	
	Live Births	Still Births	All Causes	Typhoid & Paratyphoid Fevers	Small-Pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea & Enteritis under 2 years	Total Deaths under 1 year
England and Wales...	19.1	0.53	11.5	0.00	0.00	0.00	0.00	0.02	0.01	0.15	4.4	43
126 County Boroughs and Great Towns, including London ...	22.2	0.67	12.7	0.00	0.00	0.01	0.00	0.02	0.01	0.13	6.1	46
148 Smaller Towns (estd. resident populations, 25,000—50,000) ...	21.3	0.59	11.7	0.00	0.00	0.00	0.00	0.02	0.01	0.14	2.8	37
London ...	21.5	0.54	12.7	0.00	—	0.01	0.00	0.02	0.01	0.12	4.2	41
Burton Latimer Urban District	23.07	0.51	14.35	—	—	—	—	—	—	—	—	66.66

	Abortion				Puerperal Infections	Others	Total
	with Sepsis	without Sepsis	Abortion with Sepsis	Abortion without Sepsis			
The Maternal Mortality rates for England and Wales per 1,000 total births	...	0.13	0.06	0.18	1.06	1.43	
The Maternal Mortality rates for Burton Latimer per 1,000 total births	...	nil	nil	nil	nil	nil	

SECTION A. Statistics and Social Conditions.

Area (acres)	2,756
Registrar-General's estimate of resident population ...	3,900
Number of inhabited houses (end of 1946) according to Rate Books	1,152
Rateable Value	£16,438
Sum represented by Penny Rate	£62

The chief occupations of the inhabitants are as follows:—
 Boot and shoe manufacture, Clothing manufacture, ironstone quarrying and farming.

Extracts from Vital Statistics for the Year.

LIVE BIRTHS				Total	Males	Females
Legitimate	...	...	...	83	47	36
Illegitimate	..	...	...	7	3	4
				—	—	—
		Totals	...	90	50	40
				—	—	—

Birth-rate per 1,000 of the estimated population ... 23.07

STILL BIRTHS.				Total	Males	Females
Legitimate	...	...	...	2	1	1
Illegitimate	...	...	...	—	—	—
Rate per 1,000 total (live and still) births					...	21.73

DEATHS.				Total	Males	Females
				56	27	29

Death-rate per 1,000 of the estimated resident population 14.35

Deaths from Puerperal causes:—

Puerperal Sepsis	...	...	...	...	...	nil
Other Puerperal Causes	...	...	...	...	...	nil
Rate per 1,000 total (live and still) births				...	...	nil

Death-rate of infants under one year of age:—

All infants per 1,000 live births	...	...	...	66.66
Legitimate infants per 1,000 legitimate live births	...	...	...	60.24
Illegitimate infants per 1,000 illegitimate live births	...	...	...	142.85

Deaths from Measles (all ages)	...	...	...	...	nil
Deaths from Whooping Cough (all ages)	...	...	...	...	nil
Deaths from Diarrhoea (under two years of age)	...	...	...	...	nil
Deaths from Cancer (all ages)	...	...	...	...	1

Deaths.—No comparability factor was issued for 1946.

Births.—The following table shows the birth rate for the year 1946, together with the rate for England and Wales.

Live Birth Rates, 1946.

Burton Latimer	...	...	...	23.07
England and Wales	...	...	...	19.1

Infantile Mortality is the number of deaths in children under one year of age per 1,000 live births. This is an indication of the environment and social conditions of a community with special reference to housing, overcrowding and maternity and child welfare

Infantile Mortality Rates, 1946.

Burton Latimer	...	...	66.66
England and Wales	...	...	43.0

The registered causes of death were as follows:—

	Males	Females	Total
All Causes	27	29	56
1 Typhoid and Paratyphoid Fevers	—	—	—
2 Cerebro-spinal Fever	—	—	—
3 Scarlet Fever	—	—	—
4 Whooping Cough	—	—	—
5 Diphtheria	—	—	—
6 Tuberculosis of the respiratory system	—	2	2
7 Other forms of tuberculosis	—	—	—
8 Syphilitic diseases	—	—	—
9 Influenza	—	—	—
10 Measles	—	—	—
11 Acute Poliomyelitis and polioencephalitis	—	—	—
12 Acute infantile encephalitis	—	—	—
13 Cancer	1	—	1
14 Diabetes	1	—	1
15 Heart Disease	9	14	23
16 Intracranial vascular lesions	5	3	8
17 Other circulatory diseases	—	—	—
18 Bronchitis	1	3	4
19 Pneumonia (all forms)	—	2	2
20 Other respiratory diseases	2	1	3
21 Ulcer of stomach or duodenum	1	—	1
22 Diarrhoea (under 2 years)	—	—	—

Registered Causes of death—continued.

					Males	Females	Total
23	Appendicitis	...	...	...	—	—	—
24	Other digestive diseases	...	...	...	2	—	2
25	Nephritis	...	...	...	—	—	—
26	Puerperal Causes	...	...	...	—	—	—
27	Premature Birth	...	...	...	1	1	2
28	Congenital debility, malformation, and birth injury				—	2	2
29	Suicide	...	...	...	1	—	1
30	Road traffic accidents	...	...	...	—	—	—
31	Other violent causes	...	...	...	—	—	—
32	All other causes	...	...	...	3	1	4

SECTION B. General Provision of Health Services.

(a) **Laboratory facilities.**—Bacteriological examinations have been carried out by the Emergency Public Health Laboratory at Northampton.

The following specimens were examined:— 1946

Swabs	...	...	...	...	...	4
Blood	...	...	...	...	...	1
Faeces	...	...	...	...	...	1
Urine	...	...	...	...	...	—
Sputum	...	...	...	...	...	—

(b) **Ambulance facilities.**—Infectious cases are removed by the ambulance of the Joint Hospital Board. Non-infectious and accident cases are removed by the Burton Latimer ambulance under the administration of the St. John Ambulance Brigade.

(c) **Nursing in the Home.**—The Burton Latimer Nursing Association which affiliated to the County Nursing Association provides the services of a whole time nurse. Details of the work carried out during 1946 are as follows:—

	Cases Nursed			Total
General	Midwifery	Maternity	Visits	
79	17	36	3586	

(d) **Treatment Centres and Clinics.**—A County Council Welfare Clinic is held twice monthly. A Medical Officer attends one session each month.

The County Council is the Authority for the treatment of Tuberculosis and the Tuberculosis Officer attends weekly at the Health Clinic, Market Street, Kettering.

Orthopaedic cases attend the Manfield Orthopaedic Clinic at Kettering and persons suffering from Venereal Diseases are treated at the Kettering and District General Hospital every Thursday evening under the County Council scheme.

Under the Scabies Order, 1941, arrangement was made for the free treatment of cases and contacts with Benzyl Benzoate Emulsion, three were treated at home and two received treatment at a Cleansing Centre.

Diphtheria Immunisation.—From 1941 free immunisation against diphtheria was offered to children from one to fifteen years of age.

The number of children who were immunised in 1946 is as follows:—

Under 5 years	...	...	...	...	45
5 to 14 years	...	...	...	...	4
Total	...	...	...	...	49

The number of children who have had the full course of immunisation since the beginning of the scheme is as follows:—

Age at 31-12-46	Under 1	1	2	3	4
i.e. Born in Year	1946	1945	1944	1943	1942
Number Immunised	—	26	43	50	39

Estimated mid-year population, 1946, 345.

Age at 31-12-46	5 to 9	10 to 14
i.e. Born in Year	1937-1941	1932-1936
Number Immunised	206	231

Estimated mid-year population, 1946, 445.

Total number under 15 immunised ... 595

The above figures do not include those children immunised by private arrangement.

SECTION C. and E. Sanitary Circumstances of the District.

Water Supply: There has been an ample supply of water from the Council's well at Weekley during the year and no shortage in the supply from the Oundle and Thrapston Rural District Councils' supply.

Seven bacteriological examinations of the water have been made and all samples from the Weekley supply have been consistently "very satisfactory." The bacteriological report from a sample of water from the Woodford well showed pollution and the supply was shut off until further samples taken by this Authority, the Kettering Rural District Council and Oundle and Thrapston Rural District Council, gave satisfactory results.

The water from Weekley is chlorinated before being pumped to the reservoir at Warkton and the auxiliary supply from Woodford is nitrated and chlorinated. There is no plumbo solvent action.

There has been no extension of mains carried out during the year. The number of dwelling houses supplied from the mains direct to the houses is 928; 233 houses are supplied by standpipes in the yard and 74 houses depend on private wells for their water supply.

Sewage Disposal: The sewage disposal works are still badly overloaded, but the sewerage system will be connected to the new Kettering Corporation Sewage Works during 1947. No new sewers have been laid during the year.

Sanitary Inspection of the Area: Routine and other inspections were made during the year.

Four formal notices were issued and complied with.

All other nuisances detected were satisfactorily abated without legal proceedings having to be taken.

Slaughterhouses. All livestock are now killed at the Kettering abattoir.

Refuse Collection: A Karrier Bantam Refuse Collector is used for this work and the refuse is collected weekly from every house in two days.

The Council's present tip will shortly be full, and it will be necessary to acquire another site.

Milk and Dairies Order: Regular inspections have been made of the cowsheds and dairies.

21 samples of milk were submitted to the Methylene Blue Test; 19 were good and 2 moderate.

Three samples of pasteurised milk were submitted to the phosphatase test and all the samples satisfied the test.

Factories and Workplaces: There are thirteen factories in the district. Sixteen inspections were made and three defects were found relating to Sanitary Conveniences which were remedied.

SECTION. F. Infectious Diseases.

Scarlet Fever: The disease was mild and no deaths occurred. Two cases were removed to hospital.

Diphtheria: A girl, aged eleven years, who had not been immunised was notified. She was removed to hospital and recovered.

Erysipelas: One notification was received, a man, aged 80 years. He was nursed at home and recovered.

Measles: Twelve cases were notified during the year. All cases were nursed at home and recovered.

Whooping Cough: There were 38 cases and all were nursed at home. No deaths occurred.

Pneumonia: There were five cases of acute primary pneumonia; all were nursed at home and recovered. There were two deaths ascribed to all forms of pneumonia.

TUBERCULOSIS.

Public Health (Prevention of Tuberculosis) Regulations, 1925. These regulations empower the Council to prevent persons suffering from tuberculosis to engage in the milk trade. No action was taken during 1946.

Public Health Act, 1925, Section 62, and Public Health Act, 1936, Section 172. No action was taken under this section whereby an infectious case of pulmonary tuberculosis may be compulsorily removed to hospital.

Four cases of respiratory tuberculosis, two males and two females, were notified. There were two deaths, both females, from respiratory tuberculosis.

A table is shown giving the age and sex incidence of tuberculosis for 1946.

Tuberculosis After-Care.—The Tuberculosis Care Committee continues to take interest in the welfare of the patients; visits are made and grants of money are allowed in necessitous cases.

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis), 1946.

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. Totals
Scarlet Fever	—	1	1	1	1	—	—	—	—	1	—	1 6
Diphtheria	—	—	—	—	—	—	1	—	—	—	—	1
Erysipelas	—	1	—	—	—	—	—	—	—	—	—	1
Measles	1	3	2	5	1	—	—	—	—	—	—	12
Whooping Cough	—	2	2	1	—	—	5	7	19	2	—	38
Pneumonia	1	1	1	1	—	—	—	—	—	—	1	5
Totals	2	8	6	8	2	—	6	7	19	3	1	63

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1946.

Disease	-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & Over	All Removed Ages to Hospital	Deaths
Scarlet Fever	—	—	—	—	1	1	4	—	—	—	—	6	2	—
Diphtheria	—	—	—	—	—	—	1	—	—	—	—	1	1	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Measles	1	—	1	1	1	5	3	—	—	—	—	—	12	—
Whooping Cough	4	4	5	5	8	11	—	—	—	—	1	—	38	—
Pneumonia	1	—	—	1	1	1	—	—	—	1	—	—	5	—
Totals	6	4	6	7	11	18	8	—	—	1	1	1	63	3

NEW CASES OF TUBERCULOSIS, 1946.

Age Periods	Respiratory		Non-Respiratory	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	2	1	—	—
35—	—	1	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
Totals	2	2	—	—

DEATHS FROM TUBERCULOSIS, 1946.

Age Periods	Respiratory		Non-Respiratory	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	1	—	—
15—	—	1	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
Totals	—	2	—	—

